WHAT IS CLAIMED IS:

1.   A computer system comprising:

at least one server appliance for processing data;

at least one disk apparatus for storing said data; and

means for changing said server appliance for processing the data in such a manner that access means employed in another server appliance, which is different from said server appliance for processing said data, can access said disk apparatus.

2.   A computer system as claimed in claim 1 wherein:

said data is partitioned to be stored in multiple number of disk apparatuses; and

said access means of said server appliance accesses said disk apparatuses storing the partitioned data,

whereby loads of said disk apparatuses are distributed.

3.   A computer system as claimed in claim 1 wherein:

a port of said disk apparatus for storing the data and a port of said server appliance for processing said data are changed to distribute loads of said ports, said ports being used to transfer data between said disk apparatus and said server appliance.

4.   A computer system as claimed in claim 2

wherein:

when said data is partitioned to be stored in multiple number of disk apparatuses, data copy means of said disk apparatus is used.

5.   A computer system comprising:

at least one server appliance for processing data;

at least one disk apparatus for storing said data;

means for partitioning said data to process partitioned data by a plurality of server appliances, and for dividing processing for said data into processing for said partitioned data; and

means for changing said server appliance for processing said partitioned data in such a manner that said partitioned data are respectively stored in disk apparatuses, and that access means of another server appliance other than said server appliance for processing said partitioned data accesses said disk apparatuses.

6.   A computer system as claimed in claim 5 wherein:

said server appliance for processing said partitioned data is changed, whereby a load of said computer system is distributed.

7.   A computer system as claimed in claim 5 wherein:

said partitioned data is further partitioned;

said further-partitioned data are stored in multiple number of disk apparatuses; and

said access means of said server appliance accesses the multiple number of disk apparatuses storing the further-partitioned data,

whereby loads of said disk apparatuses are distributed.

8.   A computer system as claimed in claim 5 wherein:

a port of said disk apparatus for storing said partitioned data and a port of said server appliance for processing said partitioned data are changed to distribute loads of said ports, said ports being used to transfer data between said disk apparatus and said server appliance.

9.   A computer system as claimed in claim 7 wherein:

when said partitioned data is further partitioned to be stored in multiple number of disk apparatuses, data copy means of said disk apparatus is used.

10.   A computer system comprising:

a plurality of server appliances for processing data;

a plurality of disk apparatuses for storing said data;

means for switching connections between said plurality of server appliances and said plurality of

disk apparatus; and

a management server program for detecting a load of processing for said data, for instructing one of said plurality of disk apparatuses to partition said data, and for instructing to connect said server appliances and said disk apparatuses to said switching means.